

**ABSTRACT**

The invention relates to a relay comprising a coil bobbin, a core penetrating the coil bobbin and a yoke. To  
5 achieve a high switching force with a low overall height, the cross-sectional area of the core is greater in the region toward the transition to the yoke than in the central region of the coil bobbin. Increased magnetic flux can be conveyed from the core owing to the cross-sectional enlargement and at  
10 the same time more coil windings can be arranged in the central region owing to the reduced cross-section there. Both measures act together and allow high switching forces with low overall height.